



CONSTRUCTION EQUIPMENT

362922 VOLVO EC480EL 314867 - RIGHT SWING DRIVE



Sample No: VCP432618
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 362922



CALLANAN
 RT 32 677 FLATBUSH RD
 EAST KINGSTON, NY
 US 12401
 Contact:

T:
 F:



SAMPLE INFORMATION

Sample Number	VCP432618	VCP420301	VCP419917	---
Sample Date	14 Sep 2023	02 May 2023	02 Mar 2023	---
Machine Hours	3020	2180	1846	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	166	173	173	---
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CONTAMINATION

Silicon	ppm	19	19	16	---
Sodium	ppm	3	0	0	---
Potassium	ppm	<1	1	<1	---



WEAR METALS

Iron	ppm	240	245	232	---
Copper	ppm	21	26	23	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	2	0	<1	---
Chromium	ppm	4	4	2	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	5	4	3	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	8	9	9	---
Magnesium	ppm	0	<1	0	---
Zinc	ppm	0	23	23	---
Phosphorus	ppm	404	324	322	---
Barium	ppm	0	0	5	---
Boron	ppm	7	2	11	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: CALEAS
Unique No: 10655593
Signed: Wes Davis
Report Date: 20 Sep 2023



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GRAPHS

